## **SAFETY DATA SHEET**

Date of issue/Date of revision

: 9 October 2024

Version : 1.03

pPG

Europe

### SECTION 1: Identification of the substance/mixture and of the company/ undertaking

**1.1 Product identifier** 

: 000001182683

Product name Product code

Other means of identification

00246238; 00436952

1.2 Relevant identified uses	s of the substance or mixture and uses advised against
Product use	: Professional applications, Used by spraying.
Use of the substance/ mixture	: Hardener.; Coating.
Uses advised against	: Product is not intended, labelled or packaged for consumer use.

#### 1.3 Details of the supplier of the safety data sheet

PPG Coatings Belgium BV/SRL Tweemontstraat 104 B-2100 Deurne Belgium Telephone +32-33606311 Fax +32-33606435

e-mail address of person responsible for this SDS

: Product.Stewardship.EMEA@ppg.com

esponsible for this 5D5

#### 1.4 Emergency telephone number

#### **Supplier**

+31 20 4075210

### **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] Flam. Liq. 3, H226

Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

Code : 00000118268	Date of issue/Date of revision	: 9 October 2024
SIGMACOVER 350 LT HARD	NER	

## **SECTION 2: Hazards identification**

2.2 Label elements Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	Flammable liquid and vapour. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.
Precautionary statements		
Prevention	:	Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment.
Response	:	Collect spillage.
Storage	:	Store in a well-ventilated place. Keep container tightly closed.
Disposal	-	Dispose of contents and container in accordance with all local, regional, national and international regulations. P280, P210, P273, P391, P403 + P233, P501
Supplemental label elements	:	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	nen	<u>its</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.
2.3 Other hazards		
Product meets the criteria for PBT or vPvB	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:	Causes digestive tract burns. Prolonged or repeated contact may dry skin and cause irritation.

Code : 000001182683 SIGMACOVER 350 LT HARDENER Date of issue/Date of revision

: 9 October 2024

## **SECTION 3: Composition/information on ingredients**

3.2 Mixtures	: Mixture				-
Product/ingredient name	Identifiers	% by weight	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	REACH #: 01-2119972320-44 EC: 500-191-5 CAS: 68082-29-1	≥10 - ≤25	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Chronic 2, H411	-	[1]
xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7	≥10 - ≤25	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Dermal] = 1700 mg/kg ATE [Inhalation (vapours)] = 11 mg/l	[1] [2]
2-methylpropan-1-ol	REACH #: 01-2119484609-23 EC: 201-148-0 CAS: 78-83-1 Index: 603-108-00-1	≥10 - <20	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	-	[1] [2]
benzyl alcohol	REACH #: 01-2119492630-38 EC: 202-859-9 CAS: 100-51-6 Index: 603-057-00-5	≥10 - ≤24	Acute Tox. 4, H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317	ATE [Oral] = 1200 mg/ kg	[1] [2]
Formaldehyde, polymer with N,N-dimethyl- 1,3-propanediamine and phenol	CAS: 445498-00-0	≥5.0 - ≤10	Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 500 mg/ kg M [Acute] = 1 M [Chronic] = 1	[1]
2,4,6-tris (dimethylaminomethyl) phenol	REACH #: 01-2119560597-27 EC: 202-013-9 CAS: 90-72-2	≥1.0 - ≤5.0	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1C, H314 Eye Dam. 1, H318	ATE [Oral] = 1200 mg/ kg ATE [Dermal] = 1280 mg/kg	[1]
ethylbenzene	REACH #: 01-2119489370-35 EC: 202-849-4 CAS: 100-41-4 Index: 601-023-00-4	≥1.0 - ≤5.0	Flam. Liq. 2, H225 Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs) Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Inhalation (vapours)] = 17.8 mg/l	[1] [2]
3,6-diazaoctanethylenediamin	EC: 203-950-6 CAS: 112-24-3 Index: 612-059-00-5	≥1.0 - ≤4.0	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412	ATE [Oral] = 1716 mg/ kg ATE [Dermal] = 1465 mg/kg	[1] [2]
3-aminopropyldimethylamine	REACH #: 01-2119486842-27	≤0.30	Flam. Liq. 3, H226 Acute Tox. 4, H302	ATE [Oral] = 410 mg/ kg	[1]
English (GB)			Europe		3/19

 Code
 <th::000001182683</th>
 Date of issue/Date of revision
 : 9 October 2024

 SIGMACOVER 350 LT HARDENER
 SECTION 3: Composition/information on ingredients

EC: 203-680-9	Acute Tox. 4, H312	ATE [Dermal] = 1100
CAS: 109-55-7	Skin Corr. 1B, H314	mg/kg
Index: 612-061-00-6	Eye Dam. 1, H318	
	Skin Sens. 1, H317	
	See Section 16 for	
	the full text of the H	
	statements declared	
	above.	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

#### SUB codes represent substances without registered CAS Numbers.

### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

Eye contact	: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	<ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.</li> </ul>
Ingestion	<ul> <li>If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.</li> </ul>
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

#### 4.2 Most important symptoms and effects, both acute and delayed

English (CD)	<b>F</b>
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Eye contact	: Adverse symptoms may include the following: pain watering redness
Over-exposure signs/	
Ingestion	: Corrosive to the digestive tract. Causes burns.
Skin contact	: Causes severe burns. Defatting to the skin. May cause an allergic skin reaction.
Inhalation	: May cause respiratory irritation.
Eye contact	: Causes serious eye damage.
Potential acute health	<u>effects</u>
	······································

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EL	J)
2020/878	

	000001182683 350 LT HARDENER	Date of issue/Date of revision	: 9 October 2024
<b>SECTION 4</b>	: First aid measures	;	
Skin contact	: Adverse sy pain or irrita redness dryness cracking blistering m		
Ingestion	: Adverse sy stomach pa	mptoms may include the following: ains	
4.3 Indication o	f any immediate medical atte	ention and special treatment needed	
Notes to phys		nhalation of decomposition products in a fire ad person may need to be kept under medic	

# Specific treatments : No specific treatment. SECTION 5: Firefighting measures

SECTION 5. Thengh	ting measures
5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
5.2 Special hazards arising f	from the substance or mixture
Hazards from the substance or mixture	: Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Decomposition products may include the following materials: carbon oxides nitrogen oxides
5.3 Advice for firefighters	
Special precautions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

### **SECTION 6: Accidental release measures**

6.1 Personal precautions,	protective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

2020/878	
Code : 000001182683 SIGMACOVER 350 LT HARDE	
<b>SECTION 6: Acciden</b>	tal release measures
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
6.3 Methods and material for	containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

## **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU)	
2020/878	

 Code
 <th: 000001182683</th>
 Date of issue/Date of revision
 : 9 October 2024

SIGMACOVER 350 LT HARDENER

### SECTION 7: Handling and storage

7.2 Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### 7.3 Specific end use(s)

See Section 1.2 for Identified uses.

### **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 8.1 Control parameters

#### **Occupational exposure limits**

Product/ingredient name	Exposure limit values
xylene	EU OEL (Europe, 1/2022) [xylene, mixed isomers] Absorbed
	through skin.
	TWA 8 hours: 50 ppm.
	TWA 8 hours: 221 mg/m <sup>3</sup> .
	STEL 15 minutes: 100 ppm.
	STEL 15 minutes: 442 mg/m <sup>3</sup> .
2-methylpropan-1-ol	ACGIH TLV (United States, 7/2023)
	TWA 8 hours: 50 ppm.
	TWA 8 hours: 152 mg/m <sup>3</sup> .
benzyl alcohol	IPEL (-)
	TWA: 5 ppm.
	STEL: 10 ppm.
ethylbenzene	EU OEL (Europe, 1/2022) Absorbed through skin.
	TWA 8 hours: 100 ppm.
	TWA 8 hours: 442 mg/m <sup>3</sup> .
	STEL 15 minutes: 200 ppm.
	STEL 15 minutes: 884 mg/m <sup>3</sup> .
3,6-diazaoctanethylenediamin	IPEL (-) Absorbed through skin.
	TWA: 1 ppm.

Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs**

Code : 000001182683 SIGMACOVER 350 LT HARDENER Date of issue/Date of revision

: 9 October 2024

**SECTION 8: Exposure controls/personal protection** 

Product/ingredient name	Туре	Exposure	Value	Population	Effects
Fatty acids, C18-unsatd.,	DNEL	Long term Oral	97.2 µg/kg bw/day	General population	Systemic
dimers, oligomeric reaction	DINEL	Long term Oral	97.2 µg/kg bw/day		Systemic
products with tall-oil fatty					
acids and triethylenetetramine					
	DNEL	Long term Dermal	97.2 µg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.169 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	0.272 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.952 mg/m <sup>3</sup>	Workers	Systemic
xylene	DNEL	Long term Oral	5 mg/kg bw/day	General population	Systemic
, yiene	DNEL	Long term Inhalation	65.3 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	65.3 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	125 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	212 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	221 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term Inhalation	221 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Inhalation	260 mg/m <sup>3</sup>	General population	-
	DNEL	Short term Inhalation	260 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Short term Inhalation	442 mg/m <sup>3</sup>	Workers	Local
	DNEL	Short term Inhalation	442 mg/m <sup>3</sup>	Workers	Systemic
2-methylpropan-1-ol	DNEL	Long term Inhalation	55 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	310 mg/m <sup>3</sup>	Workers	Local
benzyl alcohol	DNEL	Long term Oral	4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	5.4 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	8 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Oral	20 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	20 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	22 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Inhalation	27 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Short term Dermal	40 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	110 mg/m <sup>3</sup>	Workers	Systemic
2,4,6-tris	DNEL	Long term Oral	0.075 mg/kg bw/day	General population	Systemic
(dimethylaminomethyl)phenol					-
	DNEL	Short term Dermal	0.075 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.075 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	0.13 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	0.13 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	0.15 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	0.53 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Dermal	0.6 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	2.1 mg/m <sup>3</sup>	Workers	Systemic
ethylbenzene	DMEL	Long term Inhalation	442 mg/m <sup>3</sup>	Workers	Local
	DMEL	Short term Inhalation	884 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Oral	1.6 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	15 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	77 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Dermal	180 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	293 mg/m <sup>3</sup>	Workers	Local
3,6-diazaoctanethylenediamin	DNEL	Long term Dermal	28 µg/cm²	Workers	Local
	DNEL	Long term Dermal	0.25 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0.29 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Oral	0.41 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.43 mg/cm <sup>2</sup>	General population	
	DNEL	Long term Dermal	0.57 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Dermal	1 mg/cm <sup>2</sup>	General population	Local
					l
English (GB)			Europe		8/19

Code : 000001182683

Date of issue/Date of revision

: 9 October 2024

SIGMACOVER 350 LT HARDENER

## **SECTION 8: Exposure controls/personal protection**

_						
		DNEL	Long term Inhalation	1 mg/m³	Workers	Systemic
		DNEL	Short term Dermal	8 mg/kg bw/day	General population	Systemic
		DNEL	Short term Oral	20 mg/kg bw/day	General population	Systemic
		DNEL	Short term Inhalation	1600 mg/m <sup>3</sup>	General population	Systemic
		DNEL	Short term Inhalation	5380 mg/m <sup>3</sup>	Workers	Systemic
	3-aminopropyldimethylamine	DNEL	Long term Inhalation	1.2 mg/m <sup>3</sup>	Workers	Systemic

#### **PNECs**

Product/ingredient name	Туре	Compartment Detail	Value	Method Detail
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall- oil fatty acids and triethylenetetramine	-	Fresh water	0.043 mg/l	Assessment Factors
	-	Marine water	0 mg/l	Assessment Factors
	-		3.84 mg/l	Assessment Factors
	-	Fresh water sediment	434.02 mg/kg dwt	Equilibrium Partitioning
	-	Marine water sediment	43.4 mg/kg dwt	Equilibrium Partitioning
	-	Soil	86.78 mg/kg dwt	Equilibrium Partitioning
xylene	-	Fresh water	0.327 mg/l	-
,	-	Marine water	0.327 mg/l	-
	-	Sewage Treatment Plant	6.58 mg/l	-
	-	Fresh water sediment	12.46 mg/kg dwt	-
	-	Marine water sediment	12.46 mg/kg dwt	-
	-	Soil	2.31 mg/kg	-
2-methylpropan-1-ol	-	Fresh water	0.4 mg/l	Assessment Factors
	-	Marine water	0.04 mg/l	Assessment Factors
	-	Sewage Treatment Plant	10 mg/l	Assessment Factors
	-	Fresh water sediment	1.56 mg/kg dwt	Equilibrium Partitioning
	-	Marine water sediment	0.156 mg/kg dwt	-
	-	Soil	0.076 mg/kg dwt	Equilibrium Partitioning
ethylbenzene	-	Fresh water	0.1 mg/l	Assessment Factors
	-	Marine water	0.01 mg/l	Assessment Factors
	-		9.6 mg/l	Assessment Factors
	-	Fresh water sediment	13.7 mg/kg dwt	Equilibrium Partitioning
	-	Marine water sediment	1.37 mg/kg dwt	Equilibrium Partitioning
	-	Soil	2.68 mg/kg dwt	Equilibrium Partitioning
	-	Secondary Poisoning	20 mg/kg	-
3-aminopropyldimethylamine	-	Fresh water	0.034 mg/l	Assessment Factors
	-	Marine water	0.003 mg/l	Assessment Factors
	-		69.5 mg/l	Assessment Factors
	-	Fresh water sediment	0.221 mg/kg dwt	Equilibrium Partitioning
	-	Marine water sediment	0.022 mg/kg dwt	Equilibrium Partitioning
	-	Soil	0.024 mg/kg dwt	Equilibrium Partitioning

#### 8.2 Exposure controls

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulat	ion (EU)
2020/878	

2020/878 Code : 000001182683	Date of issue/Date of revision : 9 October 2024
SIGMACOVER 350 LT HARDE	
SECTION 8: Exposur	e controls/personal protection
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Chemical splash goggles and face shield. Use eye protection according to EN 166.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.
Gloves	: nitrile neoprene
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti- static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirato complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

English (GB)	Europe	10/1
Melting point/freezing point	: Not determined.	
Odour	: Amine-like.	
Colour	: Colourless.	
Physical state	: Liquid.	
<u>Appearance</u>		
9.1 Information on basic physic	cal and chemical properties	
9.1 Information on basic physic	al and chemical properties	

## 10/19

#### Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 Code : 000001182683 Date of issue/Date of revision : 9 October 2024 **SIGMACOVER 350 LT HARDENER SECTION 9: Physical and chemical properties Boiling point or initial boiling** : >37.78°C point and boiling range Not determined. There are no data available on the mixture itself. Flammability Lower and upper explosion Not available. limit Closed cup: 29°C **Flash point** ÷. Auto-ignition temperature **Ingredient name** °C °F **Method** 3,6-diazaoctanethylenediamin 337.78 640 : Stable under recommended storage and handling conditions (see Section 7). **Decomposition temperature** Not applicable. insoluble in water. pН Viscosity • Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C): >21 mm<sup>2</sup>/s Viscosity : 60 - 100 s (ISO 6mm) Solubility 2 **Media** Result cold water Not soluble Partition coefficient n-octanol/ : Not applicable. water (log Pow) Vapour pressure ŝ Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name mm Hg kPa Method **kPa** Method mm Hg <12.00102 <1.6 DIN EN 2-methylpropan-1-ol 13016-2 : 0.95 **Relative density Particle characteristics** Median particle size : Not applicable. 9.2 Other information 9.2.1 Information with regard to physical hazard classes : The product itself is not explosive, but the formation of an explosible mixture of **Explosive properties** vapour or dust with air is possible. : Product does not present an oxidizing hazard. **Oxidising properties** No additional information. **SECTION 10: Stability and reactivity 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients. **10.2 Chemical stability** : The product is stable. : Under normal conditions of storage and use, hazardous reactions will not occur. 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.

Europe

11/19

English (GB)

Code : 000001182683	Date of issue/Date of revision	: 9 October 2024
SIGMACOVER 350 LT HARDENER		

### **SECTION 10: Stability and reactivity**

10.5 Incompatible materials	:	Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products	:	Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides

### **SECTION 11: Toxicological information**

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly.

Zauses severe skin burns and eye damage.

May cause an allergic skin reaction.

May cause respiratory irritation.

#### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
<b>F</b> atty acids, C18-unsatd., dimers,	LD50 Dermal	Rat	>2000 mg/kg	-
oligomeric reaction products with tall-oil				
fatty acids and triethylenetetramine				
	LD50 Oral	Rat	>2000 mg/kg	-
xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
,	LD50 Oral	Rat	4.3 g/kg	-
2-methylpropan-1-ol	LC50 Inhalation Vapour	Rat	24.6 mg/l	4 hours
	LD50 Dermal	Rabbit	2460 mg/kg	-
	LD50 Oral	Rat	2830 mg/kg	_
benzyl alcohol	LC50 Inhalation Dusts and	Rat	>5 mg/l	4 hours
,	mists		Ŭ	
	LD50 Dermal	Rabbit	>2000 mg/kg	_
	LD50 Oral	Rat	1200 mg/kg	-
2,4,6-tris(dimethylaminomethyl)phenol	LD50 Dermal	Rat	1280 mg/kg	_
_, ,, •(	LD50 Oral	Rat	1200 mg/kg	_
ethylbenzene	LC50 Inhalation Vapour	Rat	17.8 mg/l	4 hours
	LD50 Dermal	Rabbit	17.8 g/kg	-
	LD50 Oral	Rat	3.5 g/kg	_
3,6-diazaoctanethylenediamin	LD50 Dermal	Rabbit	1465 mg/kg	_
	LD50 Oral	Rat	1716 mg/kg	_
3-aminopropyldimethylamine	LD50 Dermal	Rabbit	>1000 mg/kg	
	LD50 Oral	Rat	410 mg/kg	
		nai	4 10 mg/kg	

#### Acute toxicity estimates

	Route	ATE value
Øral Dermal Inhalation (vapours)		4035.65 mg/kg 7503.2 mg/kg 65.49 mg/l
Conclusion/Summary	: Based on available data, the classificati	on criteria are not met.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	Eyes - Severe irritant	Rabbit	-	-	-
xylene	Skin - Irritant Skin - Moderate irritant	Human Rabbit	-	- 24 hours 500 mg	-

English (GB)	Europe	12/19
--------------	--------	-------

Code : 000001182683 SIGMACOVER 350 LT HARDENER Date of issue/Date of revision

: 9 October 2024

SECTION 11: Toxicological information

## Conclusion/Summary

- Skin : Causes severe burns.
  - : 🗭 auses serious eye damage.
- Respiratory

**Eyes** 

: Based on available data, the classification criteria are not met.

#### **Respiratory or skin sensitization**

Product/ingredient name	Route of exposure	Species	Result
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine		Mouse	Sensitising
3,6-diazaoctanethylenediamin		Guinea pig	Sensitising

#### Conclusion/Summary

- Skin
- Respiratory

:  $\mathbf{M}$ ay cause an allergic skin reaction.

: **B**ased on available data, the classification criteria are not met.

#### **Mutagenicity**

Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

Based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

#### Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
xylene 2-methylpropan-1-ol	Category 3 Category 3 Category 3	-	Respiratory tract irritation Respiratory tract irritation Narcotic effects

#### Conclusion/Summary

May cause respiratory irritation.

#### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
ethylbenzene	Category 2	-	hearing organs

#### Conclusion/Summary

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Product/ingredient name	Result
xylene	ASPIRATION HAZARD - Category 1
ethylbenzene	ASPIRATION HAZARD - Category 1

#### Conclusion/Summary

Based on available data, the classification criteria are not met.

Information on likely routes of exposure	: Not available.
Potential acute health e	icts
Inhalation	: May cause respiratory irritation.
Ingestion	: Corrosive to the digestive tract. Causes burns.
English (GB)	Europe

Code	: 000001182683	Date of issue/Date of revision	: 9 October 2024	
0.00440				

SIGMACOVER 350 LT HARDENER

## **SECTION 11: Toxicological information**

: Causes severe burns. Defatting to the skin. May cause an allergic skin reaction.
: Causes serious eye damage.
vsical, chemical and toxicological characteristics
: Adverse symptoms may include the following: respiratory tract irritation coughing
: Adverse symptoms may include the following: stomach pains
: Adverse symptoms may include the following: pain or irritation redness dryness cracking blistering may occur
: Adverse symptoms may include the following: pain watering redness
ts as well as chronic effects from short and long-term exposure
: No known significant effects or critical hazards.
: No known significant effects or critical hazards.
: No known significant effects or critical hazards.
: No known significant effects or critical hazards.
<u>cts</u>
: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
: No known significant effects or critical hazards.
: No known significant effects or critical hazards.
: No known significant effects or critical hazards.
: Causes digestive tract burns. Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing. Exposure to amine vapor has been reported to cause transient corneal edema described as blue haze, halo effect, foggy or blurred vision for several hours. This condition is typically temporary and does not cause permanent visual effects. When the proper eye protection specified in Section 8 is worn, exposure is significantly reduced and the condition has not been observed.

#### 11.2 Information on other hazards

#### **11.2.1 Endocrine disrupting properties**

Based on available data, the classification criteria are not met.

11.2.2 Other information

Not available.

Code : 000001182683 SIGMACOVER 350 LT HARDENER Date of issue/Date of revision

: 9 October 2024

SIGMACOVER 350 LI HARDENER

### **SECTION 12: Ecological information**

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	EC10 1.78 mg/l	Algae	72 hours
2-methylpropan-1-ol	Acute EC50 1100 mg/l	Daphnia	48 hours
2,4,6-tris(dimethylaminomethyl)phenol	Acute LC50 >100 mg/l	Daphnia	48 hours
	Acute LC50 >100 mg/l	Fish	96 hours
ethylbenzene	Acute EC50 1.8 mg/l Fresh water	Daphnia	48 hours
	Chronic NOEC 1 mg/l Fresh	Daphnia -	-
	water	Ceriodaphnia dubia	
3-aminopropyldimethylamine	Acute LC50 122 mg/l	Fish	96 hours

**Conclusion/Summary** 

: **P**oxic to aquatic life with long lasting effects.

#### 12.2 Persistence and degradability

Product/ingredient name	Test	Result		Dose	Inoculum
2,4,6-tris (dimethylaminomethyl)phenol	OECD 301D Ready Biodegradability - Closed Bottle Test	4 % - Not readily - 28 da	iys	-	-
ethylbenzene 3-aminopropyldimethylamine		79 % - Readily - 10 days 69 % - Readily - 20 days		-	-
Product/ingredient name		Aquatic half-life	Photo	lysis	Biodegradability

Product/ingredient name	Aquatic nait-life	Photolysis	Biodegradability
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	-	-	Not readily
xylene	-	-	Readily
benzyl alcohol 2,4,6-tris(dimethylaminomethyl)phenol	-	-	Readily Not readily
ethylbenzene 3-aminopropyldimethylamine	- -	-	Readily Readily

#### **12.3 Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
xylene	3.12	7.4 to 18.5	Low
2-methylpropan-1-ol	1	-	Low
benzyl alcohol	0.87	-	Low
2,4,6-tris(dimethylaminomethyl)phenol	0.219	-	Low
ethylbenzene	3.6	79.43	Low
3,6-diazaoctanethylenediamin	-1.66 to -1.4	-	Low
3-aminopropyldimethylamine	-0.352	-	Low

#### 12.4 Mobility in soil

Code SIGMACC	: 000001182683 OVER 350 LT HARDENER	Date of issue/Date of revision	: 9 October 2024

#### **SECTION 12: Ecological information**

Soil/water partition coefficient (K <sub>oc</sub> )	: Not available.
Mobility	: Not available.

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Endocrine disrupting properties

Based on available data, the classification criteria are not met.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

#### **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### **13.1 Waste treatment methods**

#### **Product**

Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of
	all authorities with jurisdiction.

#### Hazardous waste

#### European waste catalogue (EWC)

Waste code	Waste designation
08 01 11* waste paint and varnish containing organic solvents or other hazardous substan	
Packaging	- <b>·</b>
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when

 Type of packaging
 European waste catalogue (EWC)

Container	15 01 06 mixed packaging	
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the contained Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterwar drains and sewers.	er. /

Code : 000001182683 SIGMACOVER 350 LT HARDENER Date of issue/Date of revision

: 9 October 2024

SIGMACOVER 350 LI HARDENER

## **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number or ID number	UN3469	UN3469	UN3469	UN3469
14.2 UN proper shipping name	PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE	PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE	PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE	PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE
14.3 Transport hazard class(es)	3 (8)	3 (8)	3 (8)	3 (8)
14.4 Packing group	Ш	III	III	III
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Marine pollutant substances	Not applicable.	Not applicable.	(Polyamide)	Not applicable.

#### **Additional information**

ADR/RID	<ul> <li>The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.</li> </ul>
Tunnel code	: (D/E)
ADN	<ul> <li>The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.</li> </ul>
IMDG	: The marine pollutant mark is not required when transported in sizes of $\leq$ 5 L or $\leq$ 5 kg.
ΙΑΤΑ	: The environmentally hazardous substance mark may appear if required by other transportation regulations.
14.6 Special preduser	cautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Maritime transport in** : Not applicable. **bulk according to IMO instruments** 

### **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
<u>EU Regulation (EC) No. 1907/2006 (REACH)</u>
<u>Annex XIV - List of substances subject to authorisation</u>
<u>Annex XIV</u>
None of the components are listed.
<u>Substances of very high concern</u>
None of the components are listed.
<u>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</u>

Code : 000001182683 SIGMACOVER 350 LT HARDENER	Date of issue/Date of revision	: 9 October 2024
SECTION 15: Regulatory information	on	
Product/ingredient name		Entry Number ( REACH )
GMACOVER 350 LT HARDENER		3
Labelling : Not applicable.		
Explosive precursors: Not applicable.Ozone depleting substances (1005/2009/EU)Not listed.		
Seveso Directive This product is controlled under the Seveso Direct	ctive.	

Danger criteria	
Category	
P5c E2	

15.2 Chemical safety

: No Chemical Safety Assessment has been carried out.

#### assessment

### **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

#### Abbreviations and acronyms

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

PBT = Persistent, Bioaccumulative and Toxic

vPvB = Very Persistent and Very Bioaccumulative

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

IMDG = International Maritime Dangerous Goods

IATA = International Air Transport Association

#### Full text of abbreviated H statements

English (GB)	Europe	18/19	
H411	Toxic to aquatic life with long lasting effects.	Toxic to aquatic life with long lasting effects.	
H410		Very toxic to aquatic life with long lasting effects.	
H400	Very toxic to aquatic life.		
	exposure.		
H373	May cause damage to organs through prolonged or repeate	эd	
H336	May cause drowsiness or dizziness.	May cause drowsiness or dizziness.	
H335	May cause respiratory irritation.	May cause respiratory irritation.	
H332	Harmful if inhaled.	Harmful if inhaled.	
H319	Causes serious eye irritation.	Causes serious eye irritation.	
H318	Causes serious eye damage.	Causes serious eye damage.	
H317	May cause an allergic skin reaction.	May cause an allergic skin reaction.	
H315	Causes skin irritation.	Causes skin irritation.	
H314	Causes severe skin burns and eye damage.	Causes severe skin burns and eye damage.	
H312	Harmful in contact with skin.	Harmful in contact with skin.	
H304	May be fatal if swallowed and enters airways.	May be fatal if swallowed and enters airways.	
H302	Harmful if swallowed.	Harmful if swallowed.	
H226	Flammable liquid and vapour.	Flammable liquid and vapour.	
H225	Highly flammable liquid and vapour.		

Code : 000001182683 SIGMACOVER 350 LT HARDENER	Date of issue/Date of revision	: 9 October 2024
SECTION 16: Other information		
H412	Harmful to aquatic life with long lasting effects.	
Full text of classifications [CLP/GHS]		

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE -
	Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE -
	Category 3

#### <u>History</u>

Date of issue/ Date of revision	: 9 October 2024
Date of previous issue	: 30 July 2024
Prepared by	: EHS
Version	: 1.03

#### **Disclaimer**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.